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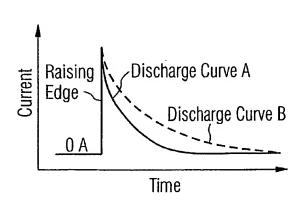
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(54) Title: TORQUE SENSOR



(57) Abstract: A torque sensor having a sensor element, wherein the sensor element is manufactured in accordance with the manufacturing steps of applying a first current pulse to the sensor element, wherein the first current pulse is applied such that there is a first current flow in a first direction along a longitudinal axis of the sensor element, wherein the first current pulse is such that the application of the current pulse generates a magnetically encoded region in the sensor element.

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